

Recombinant Human Prolactin Protein, His-tagged

Cat. No. PRL-525H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRL (CAA25214.1) (Met1-Cys227) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Cys227
Predicted N Terminal	Leu 29
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %gly, pH 8.0. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human PRL consists of 210 amino acids and predicts a molecular mass of 24.3 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95% as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	PRL prolactin [Homo sapiens]
Official Symbol	PRL
Synonyms	PRL; prolactin; decidual prolactin;
Gene ID	5617
mRNA Refseq	NM_000948
Protein Refseq	NP_000939
MIM	176760
UniProt ID	P01236

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